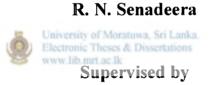
LB/DON/82/07

AN ANALYSIS OF FOREIGN FUNDED TECHNICAL TRAINING PROGRAMMES

LIBRARY UNIVERSITY OF MORATUWA, SRI LANKA MORATUVA

By



65°06" 62:65,045)

The fight

Dr. V.M Vickramasinghe

This Dissertation was submitted to the Department of Management of Technology of the University of Moratuwa in partial fulfillment of the requirement for the Degree of Master of Business Administration.



Department of Management of Technology

University of Moratuwa

December 2006

8-78-81

୫୫

DECLARATION

"I certify that this thesis does not incorporate without acknowledgement any material previously submitted for a degree or diploma in any University to the best of my knowledge and belief it does not contain any material previously published, written or orally communicated by another person or my self except where due reference is made in the text. I also hereby give consent for my dissertation, if accepted, to be made available for photocopying and for interlibrary loans, and for the title and summary to be made available to outside organizations."

n.r. Saadeen

Signature Date 2007/05/12 University of Moratuwa, Sri Lanka. Electronic Theses & Dissertations www.lib.mrt.ac.lk

To the best of my knowledge, the above particulars are correct.

Supervisor

1

-

ACKNOWLEDGEMENT

I wish to express my sincere gratitude to my supervisor Dr. Vathsala Wickramasighe of the Department of Management of Technology, University of Moratuwa for her guidance, help and the encouragement through out this research project. Also I express my sincere gratitude to Dr. K. Ramanathan, University of Western Sydney Nepean, Australia, who initiate frame work for the research.

I also wish to thank Head of the Department of Management of Technology Dr, Sarath Dasanayake & Course Coordinator Dr. Chandana Perera and all other staff members of the University of Moratuwa for their valuable guidance through out my research work and assistance given to me for analyzing results.

Also I make this opportunity to thanks Mr. J.K. Lankatilake, Director General of the ICTAD, Mr. G. Neelaratne Director (O & MT) ICTAD for their guidance & great help for this research.

tronic Theses & Dissertations

I wish to thank Mr. D.A Gunawardhna, Manager and other training staff of the Construction Equipment Training Center for their Kind Corporation and great help for gathering information for this research project.

My thanks are also due to Mr. Edward Silva Registrar and Director Principal of the Ceylon German technical Training Institute whose fullest support for gathering information.

I take this opportunity to thank Mr. R.A.L Gallappathi Deputy Director and Mr. K.S.R Perera Instructor and all other training officers of the Automobile Engineering Training Institute for their kind corporation on information collection

Special mention also must be made of the assistance given by Mr. Donald Silva Manager Training and Mr. Chaminda Mudalige of the DIMO Automobile Training Institute who gave me fullest corporation for gathering information for this research project.

Finally, I take this opportunity to thank Her Excellency President of Sri Lanka and president fund that funded me to follow this MBA course.



>

University of Moratuwa, Sri Lanka. Electronic Theses & Dissertations www.lib.mrt.ac.lk

EXECUTIVE SUMMARY

This report contains an analysis of technical training programmes totally funded by the Germany and Japan. This study mainly focuses to analyze the effect on major training programmes developed in German and Japanese funded training institutes by these two countries.

Ceylon German Technical Training Institute and DIMO Automobile Training Institute, which were totally funded by Germany and Construction Equipment Training Center and Automobile Engineering Training institute, which were totally funded by Japan, were selected for analysis.

The main objective of this report is to analyze effect of technical training programmes developed by Germany and Japan to the Sri Lankan technical education sector. Also, formulate strategies for future development of foreign funded technical training projects. The main training programme developed by four training institutes was selected for analysis.

The data collection methods adopted for this study involved collecting primary data and making use of project reports, agreements signed by both parties, evaluation reports, annual reports etc.. Primary data was collected through questionnaires for passed out technicians, present final year students, employers of the passed out technicians, training officers and managers relevant to each training institutes.

According to the results, the training programmes funded by Germany and Japan are success. However, in some of the aspects training programmes funded by Germany shows higher performance than training programmes funded by Japan. The strategies were identified for future foreign funded technical training programmes.

CONTENT	S
---------	---

		Pa			
	ledgement	i			
Declaration i					
Executive Summary iv					
List of Figures					
List of T	List of Tables				
Abbrevia	ations	ix			
Chant	n 1 Introduction				
	er 1 - Introduction Background of the study	-			
1.1	Identification of the problem	,			
1.2	•	•			
	Research objectives				
1.4	Significance of the study				
1.5	Chapter summary				
Chapte	er 2 – Review of Literature				
2.1	Introduction				
2.2	Definition of Technical Education and Training				
2.2.1	Technical Education University of Moratuwa, Sti Lanka,				
2.2.2	Training Electronic Theses & Dissertations				
2.3	Development of technical Education in Sri Lanka				
2.3.1	Historical Background.				
2.3.2	The period Before Independence				
2.3.3	The period After Independence				
2.5.5	The Organizations providing Technical Education, except Department of				
Z. 4	Technical Education				
2.5	Job description and type of training courses in Technical Education	•			
2.5.1	Introduction	-			
2.5.2	Types of Technical Training Programmes in Sri Lanka				
2.6	Development of Craft Level technical courses in Sri Lanka				
2.7	Development of Policies and Planning of Technical Education and Vocational Training in Sri Lanka				
2.7.1	Introduction				
2.7.2	Policy Development in Technical Education				
2.7.3	Financial Polices of Technical Education				
2.8	The Balanced Scorecard (BSC) Approach to analyze performance of				
	training institutions	1			
	v				
	r				

2.9	Chapter summary	21	
Chapte	er 3 – Research Methodology	22	
3.1	Framework of the Study	22	
3.2	Sample of the Study	24	
3.2.1	Sample of Technical Training Institutes	26	
3.2.2	Structures of selected training programs	31	
3.3	Method of Data Collection	33	
3.4	Method of Data analysis	34	
3.5	Chapter summary	36	
Chapter 4 – Findings and discussion 38			
4.1	Introduction Positions gained by each organization in Diagrammatic representation	38 39	
4.2	Effectiveness of the training programmes according to analytical model	40	
4.3		40	
4.4	Discussions of Result		
4.5	Chapter summary	45	
Chapte	er 5 – Conclusions and Recommendations	47	
5.1	Conclusions	47	
5.2	Recommendations . University of Moratuva, Sri Lanka	49	
Refere	nces Electronic Theses & Dissertations	51	
Annexure 1 – Summary of questionnaires			
Annexu	re 2 –Summary of tables	59	
Annexure 3 – Survey questionnaire			

谢

LIST OF TABLES

•

Dogo Dogo			
Table 1 –	Number of persons selected	Page 34	
Table 2 –	Weights allocation for each grade	35	
Table 3 –	Average weights gained by each institution	38	
Table 4 –	Grades obtained by each institution	38	
Table 5 –	Effectiveness of training programmes based on Average weights	40	
Table 6 –	Effectiveness of training programmes based on Grades	40	



>

>

h

>

University of Moratuwa, Sri Lanka. Electronic Theses & Dissertations www.lib.mrt.ac.lk

LIST OF FIGURES

	Page
Figure 1 - Diagrammatic representation of BSC Model	20
Figure 2- Diagrammatic representation of analyzing model	24
Figure 3- Diagrammatic representation of analysis	39



h

.

÷

University of Moratuwa, Sri Lanka. Electronic Theses & Dissertations www.lib.mrt.ac.lk

LIST OF ABBREVIATIONS

AETI	- Automobile Engineering Training Institute
BSC	- Balance Score Card
CETRAC	- Construction Equipment Training Center
CGTTI	- Ceylon German Technical Training Institute
DAT	- Diesel and Motor Engineering Company Automobile Training Institute
DIMO	- Diesel and Motor Engineering Company
HND	- Higher National Diploma
ICTAD	- Institute for Construction Training and Development
ILO	- International Labor Organization
ЛСА	- Japan International Cooperation Agency
NAB	- National Apprenticeship Board
NAITA	- National Apprenticeship and Industrial Training Authority
NC	- National Certificate
NDT	- National Diploma on Technology
NITESL	- National Institute of Technical Education Sri Lanka
NTTTC	- National Technical Teachers Training Collage
ODA	- Overseas Development Agency
R and D	- Research and Development
SIDA	- Sweden International Development Agency
TTI	- Technical Training Institute
TVEC	- Tertiary and Vocational Education Commission
UK	- United Kingdom
UNDP	- United Nations Development Programme

>